

ABSTRACT OF THE DISCLOSURE

Core sheets are progressively displaced one after the other by a predetermined displacement angle in a circumferential direction of a core in such a manner that stays of the core sheets form a plurality of staircase-shaped guide walls. Each core sheet includes projections, recesses and a through hole, which are all arranged along a concentric circle that is concentric to a rotational axis of a rotatable shaft of a motor. The projections are arranged in a first axial end surface of the core sheet, and the recesses and the through hole are arranged in a second axial end surface of the core sheet in such a manner that each projection of the core sheet is opposed to a corresponding one of the recesses of the core sheet in the axial direction of the core.